

109TH CONGRESS  
2D SESSION

# S. 2754

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## AN ACT

To derive human pluripotent stem cell lines using techniques  
that do not knowingly harm embryos.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

3       **SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “Alternative Pluripotent  
5       Stem Cell Therapies Enhancement Act”.

1 **SEC. 2. PURPOSES.**

2 It is the purpose of this Act to—

3 (1) intensify research that may result in im-  
4 proved understanding of or treatments for diseases  
5 and other adverse health conditions; and

6 (2) promote the derivation of pluripotent stem  
7 cell lines, including from postnatal sources, without  
8 creating human embryos for research purposes or  
9 discarding, destroying, or knowingly harming a  
10 human embryo or fetus.

11 **SEC. 3. ALTERNATIVE HUMAN PLURIPOTENT STEM CELL**  
12 **RESEARCH.**

13 Part B of title IV of the Public Health Service Act  
14 (42 U.S.C. 284 et seq.) is amended by inserting after sec-  
15 tion 498C the following:

16 **“SEC. 409J. ALTERNATIVE HUMAN PLURIPOTENT STEM**  
17 **CELL RESEARCH.**

18 “(a) IN GENERAL.—In accordance with section 492,  
19 the Secretary shall conduct and support basic and applied  
20 research to develop techniques for the isolation, derivation,  
21 production, or testing of stem cells that, like embryonic  
22 stem cells, are capable of producing all or almost all of  
23 the cell types of the developing body and may result in  
24 improved understanding of or treatments for diseases and  
25 other adverse health conditions, but are not derived from  
26 a human embryo.

1 “(b) GUIDELINES.—Not later than 90 days after the  
2 date of the enactment of this section, the Secretary, after  
3 consultation with the Director, shall issue final guidelines  
4 to implement subsection (a), that—

5 “(1) provide guidance concerning the next steps  
6 required for additional research, which shall include  
7 a determination of the extent to which specific tech-  
8 niques may require additional basic or animal re-  
9 search to ensure that any research involving human  
10 cells using these techniques would clearly be con-  
11 sistent with the standards established under this sec-  
12 tion;

13 “(2) prioritize research with the greatest poten-  
14 tial for near-term clinical benefit; and

15 “(3) consistent with subsection (a), take into  
16 account techniques outlined by the President’s Coun-  
17 cil on Bioethics and any other appropriate tech-  
18 niques and research.

19 “(c) REPORTING REQUIREMENTS.—Not later than  
20 January 1 of each year, the Secretary shall prepare and  
21 submit to the appropriate committees of the Congress a  
22 report describing the activities carried out under this sec-  
23 tion during the fiscal year, including a description of the  
24 research conducted under this section.

1       “(d) RULE OF CONSTRUCTION.—Nothing in this sec-  
 2       tion shall be construed to affect any policy, guideline, or  
 3       regulation regarding embryonic stem cell research, human  
 4       cloning by somatic cell nuclear transfer, or any other re-  
 5       search not specifically authorized by this section.

6       “(e) DEFINITION.—

7               “(1) IN GENERAL.—In this section, the term  
 8       ‘human embryo’ shall have the meaning given such  
 9       term in the applicable appropriations Act.

10              “(2) APPLICABLE ACT.—For purposes of para-  
 11       graph (1), the term ‘applicable appropriations Act’  
 12       means, with respect to the fiscal year in which re-  
 13       search is to be conducted or supported under this  
 14       section, the Act making appropriations for the De-  
 15       partment of Health and Human Services for such  
 16       fiscal year, except that if the Act for such fiscal year  
 17       does not contain the term referred to in paragraph  
 18       (1), the Act for the previous fiscal year shall be  
 19       deemed to be the applicable appropriations Act.

20       “(f) AUTHORIZATION OF APPROPRIATIONS.—There  
 21       is authorized to be appropriated such sums as may be nec-

- 1   essary for each of fiscal years 2007 through 2009, to carry
- 2   out this section.”.

Passed the Senate July 18, 2006.

Attest:

*Secretary.*

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